APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE TITLE:

The title is changed as follows:

VEHICLE AC GENERATOR WITH RECTIFIER DIODE PACKAGE DISPOSED BETWEEN COOLING PLATES

IN THE CLAIMS

Claims 9 and 10 are canceled.

IN THE ABSTRACT OF DISCLOSURE:

The abstract is changed as follows:

A vehicle AC generator ~~comprises: a case; a shaft journaled in the case; a rotor secured to the shaft so as to be disposed in the case; a stator supported by the case so as to be disposed to cover the external periphery of the rotor; ventilating means rotated together with the rotor; and a rectifier unit cooled by the ventilating means, the~~having a rectifier unit ~~comprising:~~with cooling plates for the positive-electrode and negative-electrode sides~~, disposed at a predetermined interval and~~ each having principal planes opposing each other; and a diode package disposed between the cooling plates for the positive-electrode and negative-electrode sides~~;~~. The ~~the~~ diode package ~~comprising:~~has ~~a unidirectionally conducting element for the positive-electrode side; a unidirectionally conducting element for the negative-electrode side having a cathode face joined to an anode face of the unidirectionally conducting element for the positive-electrode side~~

~~by interposing an AC input terminal therebetween;~~ a base for the positive-electrode side formed of a metallic plate and joined to a cathode face of the unidirectionally conducting element for the positive-electrode side; a base for the negative-electrode side formed of a metallic plate and joined to an anode face of the unidirectionally conducting element for the negative-electrode side; and an insulating resin provided so that the unidirectionally conducting elements for the positive-electrode and negative-electrode sides are embedded therein~~, at least end faces of the respective bases for the positive-electrode and negative-electrode sides are exposed therefrom on both sides in the depositing direction of the unidirectionally conducting elements for the positive-electrode and negative-electrode sides, and the top end of the AC input terminal extends therefrom, wherein in the diode package, the~~The end face of the base for the positive-electrode side is joined to the principal plane of the cooling plate for the positive-electrode side while the end face of the base for the negative-electrode side is joined to the principal plane of the cooling plate for the negative-electrode side.